

**CONFIDENTIAL**

15 October 1962

MIG 21 (Fishbed)

Optimum Mission with 2  
Missiles and External  
Fuel\*

Range/Radius	700/380 n.m.
Average cruise speed	520 kts.
Maximum speed at Optimum Altitude (36,000 feet) with Missiles	1,000 kts. (Mach 1.75)
Combat ceiling	50,700 ft.

IL-28 (Beagle)

Optimum Mission with  
External Fuel and 4,400 lb.  
Bomb Load

	1350/700
Range/Radius	
Average cruise speed	385 kts.
Maximum Speed at opt. alt. (15,000 feet)	460 kts.
Combat Ceiling	43,800 ft.

\*Armament includes various combinations of guns, air-to-air guided missiles and air-to-surface and air-to-air unguided rockets.

MIG-19  
(Farmer)

Optimum Cruise Mission  
Range/Radius & External Fuel  
Ave Cruise Speed  
Combat ceiling  
Max Speed (25,000 ft)

1350/690 n.m.
505 kts.
56,000 ft.
780 kts.

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DOCUMENT NO. \_\_\_\_\_  
NO CHANGE IN CLASS. ☐  
☐ DECLASSIFIED  
CLASS. CHANGED TO: TS S (C) 1992 25X1  
NEXT REVIEW DATE: \_\_\_\_\_  
AUTH: HR 70-2  
DATE: \_\_\_\_\_ REVIEWER: \_\_\_\_\_

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MIG-17  
(Fresco)

<u>Optimum Cruise Mission</u>	
Range/Radius With External Fuel	1060/540 n.m.
Ave Cruise Speed	505 kts.
Combat ceiling	52,000 ft.
Max Speed (36,000 ft)	545 kts.

MIG-15  
(Fagot)

<u>Optimum Cruise Mission</u>	
Range/Radius With External Fuel	1120/575 n.m.
Ave Cruise Speed	475 kts.
Combat Ceiling	50,000 ft.
Max Speed (50,000 ft)	500 kts.

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